

Mark the best answer.

1. In Seattle, WA it rained for 9 straight days at a rate of 0.31 inches a day. At the end of the ninth day, about how many total inches of rain had fallen? (6-3)

A 2 inches
B 3 inches
C 4 inches
D 5 inches
2. In the Turtle Trot race, a turtle travels at the rate of 0.09 miles per hour. How far will the turtle travel in 2.5 hours? (6-4)

A 0.00255 mile
B 0.0225 mile
C 0.225 mile
D 2.25 miles
3. A shirt is priced at \$12.00. If the sales tax is equal to 0.08 times the cost of the shirt, how much will the sales tax be? (6-2)

A \$0.96
B \$0.86
C \$0.76
D \$0.66
4. Jacqui buys 7 team T-shirts that cost \$14.75 each. Estimate how much Jacqui spent. (6-3)

A \$75
B \$95
C \$105
D \$150
5. For the book sale, there are 117 books separated onto 6 different tables. What is a reasonable number of books on each table? (6-6)

A 25, because $117 \div 6$ is about $125 \div 5 = 25$
B 19, because $117 \div 6$ is about $120 \div 6 = 20$
C 15, because $117 \div 6$ is about $120 \div 10 = 12$
D 23, because $117 \div 6$ is about $110 \div 5 = 22$
6. It takes Tommy 0.2 of an entire day to complete his homework. With a day being 24 hours, how much time did Tommy devote to his homework? (6-2)

A 2.4 hours
B 3.8 hours
C 4 hours
D 4.8 hours

- 7.** If the product of 4×8 is 32, what is the product of 0.004×0.8 ? (6-5)

A 0.0023
B 0.0032
C 0.032
D 0.32

- 8.** Marcus' broken sink leaks water at a rate of 0.04 L of water each second. How much water leaks out after 180 seconds? (6-2)

A 7.2 liters
B 18.04 liters
C 18.2 liters
D 72 liters

- 9.** At Mrs. T's corner store, Maria bought 10 peppermint candies for \$0.94 each. How much did Maria owe Mrs. T in all? (6-1)

A \$9.40
B \$94
C \$940
D \$9,400

- 10.** What is 0.18×0.05 ? (6-4)

A 9.0
B 0.9
C 0.09
D 0.009

- 11.** What steps can be taken to find the product of 1.07×100 ? (6-1)

A. Move the decimal point 1 place to the right.
B Move the decimal point 2 places to the right.
C Move the decimal point 3 places to the right and annex 1 zero.
D Move the decimal point 4 places to the right and annex 2 zeros.

Name _____

- 12.** One bran muffin costs \$1.47.
About how much will one dozen
bran muffins cost? (6-3)

A \$10
B \$14
C \$18
D \$22

- 13.** Which of the following provides
the best estimate for 303×0.54 ?
(6-3)

A $320 \times 0.5 = 160$
B $310 \times 0.5 = 155$
C $300 \times 0.4 = 120$
D $300 \times 0.5 = 150$

- 14.** What is 6.04×0.001 ? (6-5)

A 0.64
B 0.604
C 0.0604
D 0.00604

- 15.** What is $23.8 \times 1,000$? (6-1)

A 230,800
B 23,800
C 2,380
D 238